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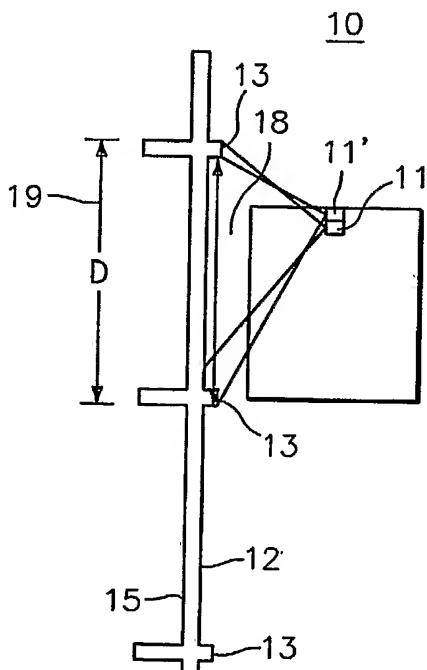
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(54) Title: **ROLL-CALLING MECHANISM BASED VISION SYSTEM FOR ELEVATOR POSITIONING**



(57) Abstract: A positioning system comprising a plurality of transponder modules each located at a known location for receiving an electromagnetic signal and emitting a light signal, at least one transceiver module for emitting an electromagnetic signal and receiving the light signal, and apparatus processing the received light signal to determine a position of the at least one transceiver module.